

William Bridgeo

From: Lesley Jones
Sent: Monday, September 29, 2014 1:34 PM
To: William Bridgeo
Cc: Loretta Lathe; Ralph St Pierre
Subject: Hatch Hill Intermediate Cover project update

Good afternoon Bill,

As part of Hatch Hill operations we are required to minimize the amount of area we have open to collect leachate. We accomplish this by using a cell sequencing plan that is approved by the Maine Department of Environmental Protection. This plan includes predetermining where our waste filling locations will be within the landfill and closing out certain areas where waste will not be placed for several months or years. We close out areas using an intermediate temporary plastic cover which allows any rain or snowmelt landing on this temporary cover to be discharged into a natural drainage way as clean storm water. Any rain or snow that falls within the active area of the landfill is called leachate and is collected thorough a separate leachate collection system, stored in the leachate pond and pumped to the Great Augusta Utility District where it is treated at the wastewater treatment plant.

Reducing the amount of open area collecting leachate is necessary because the leachate storage pond can only hold so much leachate and the leachate pumps can only pump so much leachate to the treatment plant per hour. A smaller operating area reduces the amount of leachate to be generated during heavy or long duration rain events, therefore minimizing the risk of the leachate pond overflowing. Additionally, as there is a cost associated with storing and pumping the leachate to the treatment plant, minimizing leachate generation helps to reduce the landfill's operating costs.

This year we are scheduled to put a temporary cover on approximately 4 acres of the landfill. Woodard and Curran designed this closure project and we accepted bids on August 19, 2014. We received four bids, all from Maine contractors, ranging for \$436,648 to \$774,177. Based on a review of the bids, we have awarded this work to R. A. Paradis and Sons from Newport, Maine for their bid price of \$436,648. The work is expected to begin this week and should be completed by the end of November. The project will be funded from the Hatch Hill Enterprise account and the cost for this work is included in the tipping fees that are charged.

Lesley Jones, P. E.
Director of Public Works
City of Augusta
16 Cony St
Augusta, Maine 04330

Ph: 207 626-2435
Fax: 207 626-2437
E-mail: lesley.jones@augustamaine.gov